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                  IPC display formats
 NEWS  3  MAR 31  CAS REGISTRY enhanced with additional experimental
                  spectra
 NEWS  4  MAR 31  CA/CAplus and CASREACT patent number format for U.S.
                  applications updated
 NEWS  5  MAR 31  LPCI now available as a replacement to LDPCI
 NEWS  6  MAR 31  EMBASE, EMBAL, and LEMBASE reloaded with enhancements
 NEWS  7  APR 04  STN AnaVist, Version 1, to be discontinued
 NEWS  8  APR 15  WPIDS, WPINDEX, and WPIX enhanced with new
                  predefined hit display formats
 NEWS  9  APR 28  EMBASE Controlled Term thesaurus enhanced
 NEWS 10  APR 28  IMSRESEARCH reloaded with enhancements
 NEWS 11  MAY 30  INPAFAMDB now available on STN for patent family
                  searching
 NEWS 12  MAY 30  DGENE, PCTGEN, and USGENE enhanced with new homology
                  sequence search option
 NEWS 13  JUN 06  EPFULL enhanced with 260,000 English abstracts
 NEWS 14  JUN 06  KOREAPAT updated with 41,000 documents
 NEWS 15  JUN 13  USPATFULL and USPAT2 updated with 11-character
                  patent numbers for U.S. applications
 NEWS 16  JUN 19  CAS REGISTRY includes selected substances from
                  web-based collections
 NEWS 17  JUN 25  CA/CAplus and USPAT databases updated with IPC
                  reclassification data
 NEWS 18  JUN 30  AEROSPACE enhanced with more than 1 million U.S.
                  patent records
 NEWS 19  JUN 30  EMBASE, EMBAL, and LEMBASE updated with additional
                  options to display authors and affiliated
                  organizations
 NEWS 20  JUN 30  STN on the Web enhanced with new STN AnaVist
                  Assistant and BLAST plug-in
 NEWS 21  JUN 30  STN AnaVist enhanced with database content from EPFULL
 NEWS 22  JUL 28  CA/CAplus patent coverage enhanced
 NEWS 23  JUL 28  EPFULL enhanced with additional legal status
                  information from the epoline Register
 NEWS 24  JUL 28  IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
 NEWS 25  JUL 28  STN Viewer performance improved

 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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FILE 'HOME' ENTERED AT 12:48:03 ON 28 JUL 2008

=> file reg
COST IN U.S. DOLLARS                                 SINCE FILE      TOTAL
                                                        ENTRY    SESSION
FULL ESTIMATED COST                                      0.21       0.21

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DICTIONARY FILE UPDATES:  27 JUL 2008  HIGHEST RN 1036536-16-9

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http://www.cas.org/support/stngen/stndoc/properties.html

=> e 2-pentene/cn
E1            1     2-PENTENANILIDE, 5-BENZOYL-3-CHLORO-4-OXO-/CN
E2            1     2-PENTENARIC ACID, 2,3,4-TRIDEOXY-3-((2,3-O-(1-METHYLETHYLID
                    ENE)-5-O-(4-NITROBENZOYL)-A-D-RIBOFURANOSYL)OXY)-, DIE
                    THYL ESTER/CN
E3            1 --> 2-PENTENE/CN
E4            1     2-PENTENE OXIDE/CN
E5            1     2-PENTENE RADICAL CATION/CN
E6            1     2-PENTENE(DITHIOIC) ACID, 2,2-DIMETHYL-, METHYL ESTER, (E)-/
                    CN
E7            1     2-PENTENE(DITHIOIC) ACID, 2,4-DIMETHYL-, ETHYL ESTER/CN
E8            1     2-PENTENE(DITHIOIC) ACID, 2-(DIETHOXYPHOSPHINYL)-4,4-DIMETHY
                    L-, ETHYL ESTER, (E)-/CN
E9            1     2-PENTENE(DITHIOIC) ACID, 2-CYANO-3-ETHOXY-, ETHYL ESTER/CN
E10           1     2-PENTENE(DITHIOIC) ACID, 2-METHYL-3-(PHENYLAMINO)-, ETHYL E
                    STER/CN
E11           1     2-PENTENE(DITHIOIC) ACID, 3-BROMO-2,4,4,5,5-PENTAFLUORO-, ET
                    HYL ESTER/CN
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E12             1     2-PENTENE(DITHIOIC) ACID, 3-HYDROXY-2-METHYL-, ETHYL ESTER/C
                      N

=> s e3
L1              1 2-PENTENE/CN

=> e 1-pentene/cn
E1              1     1-PENTEN-5-YL 3-(BENZENESULFONYL)-3-(CARBOMETHOXY)PROPANOATE
                      /CN
E2              1     1-PENTENAMINE, N-FLUORO-1-(NITROAMINO)-/CN
E3              1 --> 1-PENTENE/CN
E4              1     1-PENTENE CATION RADICAL/CN
E5              1     1-PENTENE OXIDE/CN
E6              1     1-PENTENE POLYMER/CN
E7              1     1-PENTENE PRIMARY OZONIDE/CN
E8              1     1-PENTENE RADICAL CATION/CN
E9              1     1-PENTENE, (2-PROPENYL)-/CN
E10             1     1-PENTENE, 1,1'-(METHYLENEBIS(SULFONYL))BIS-, (1E,1'E)-/CN
E11             1     1-PENTENE, 1,1'-OXYBIS-/CN
E12             1     1-PENTENE, 1,1'-SULFONYLBIS(2-METHYL-/CN

=> s e3
L2              1 1-PENTENE/CN

=> file caplus
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                10.76      10.97

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FILE COVERS 1907 - 28 Jul 2008  VOL 149 ISS 5
FILE LAST UPDATED: 27 Jul 2008  (20080727/ED)

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reclassification data for the second quarter of 2008.

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http://www.cas.org/legal/infopolicy.html

=> s l1 and l2
          1322 L1
          4410 L2
L3         652 L1 AND L2

=> s l2 and alkylaryl
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          4410 L2
          5301 ALKYLARYL
            15 ALKYLARYLS
          5313 ALKYLARYL
                 (ALKYLARYL OR ALKYLARYLS)
L4          3 L2 AND ALKYLARYL

=> s l3 and alkylaryl
          5301 ALKYLARYL
            15 ALKYLARYLS
          5313 ALKYLARYL
                 (ALKYLARYL OR ALKYLARYLS)
L5          1 L3 AND ALKYLARYL

=> s l1
L6        1322 L1

=> s l1 and alkylaryl
          1322 L1
          5301 ALKYLARYL
            15 ALKYLARYLS
          5313 ALKYLARYL
                 (ALKYLARYL OR ALKYLARYLS)
L7          4 L1 AND ALKYLARYL

=> s l7 or l5
L8          4 L7 OR L5

=> d l8 ibib ab tot

L8   ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:        2005:588884  CAPLUS
DOCUMENT NUMBER:         143:99312
TITLE:                   Method for producing alkylarylsulfonate surfactants
INVENTOR(S):             Bottke, Nils; Tropsch, Juergen; Narbeshuber, Thomas;
                         Stephan, Juergen; Roeper, Michael; Heidemann, Thomas;
                         Steinbrenner, Ulrich; Benfer, Regina
PATENT ASSIGNEE(S):      BASF Aktiengesellschaft, Germany
SOURCE:                  PCT Int. Appl., 28 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                German
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     --------------      ----   --------    -------------------    --------
     WO 2005061447        A2    20050707    WO 2004-EP14444        20041217
     WO 2005061447        A3    20070104
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, SM
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
             RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
             MR, NE, SN, TD, TG
     DE 10360026          A1    20050721    DE 2003-10360026       20031219
     CA 2544867           A1    20050707    CA 2004-2544867        20041217
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EP 1697314		A2	20060906	EP 2004-804045		20041217
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU						
BR 2004017365		A	20070410	BR 2004-17365		20041217
CN 1997611		A	20070711	CN 2004-80037813		20041217
MX 2006PA05942		A	20060809	MX 2006-PA5942		20060525
US 20070142258		A1	20070621	US 2006-583140		20060616
PRIORITY APPLN. INFO.:				DE 2003-10360026	A	20031219
				WO 2004-EP14444	W	20041217

AB The production of alkylaryl compds. comprises: (A) the reaction of a C4-5 olefin mixture on a metathesis catalyst to produce a C4-8 olefin mixture containing 2-pentene and the optional isolation of the C4-8 olefin mixture; (B) isolation of 5-100% of the 2-pentenes obtained in step (A) and subsequent reaction on an isomerization catalyst to form a mixture of 2-pentenes and 1-pentene which is returned to stage (A); (C) dimerization of the C4-8 olefin mixture obtained in stage (B) after the isolation process to form a mixture containing C8-16 olefins, isolation of the C8-16 olefins and optional isolation of a partial stream of the latter; (D) reaction of the C8-16 olefin mixts. obtained in stage (c) or the partial stream with an aromatic hydrocarbon in the presence of an alkylation catalyst to form alkyl aromatic compds. where prior to the reaction an addnl. 0-60% linear olefins, in relation to the C8-16 olefin mixts. obtained in stage (C), can be added; (E) optional sulfonation of the alkylaroms. obtained in stage (D) and neutralization to form alkylarylsulfonates, where prior to the sulfonation an addnl. 0-60% linear alkylbenzols, in relation to the alkyl aromatic compds. obtained in stage (D), can be added, provided that there were no admixts. in stage (D); (F) optional mixing of the alkylarylsulfonates obtained in stage (E) with 0-60% linear alkylarylsulfonates, in relation to the alkylaryl sulfonates obtained in stage (E), provided that there were no admixts. in stages (D) and (E). The alkylarylsulfonates may be used for surfactant applications.

L8 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER:	2004:525983 CAPLUS
DOCUMENT NUMBER:	141:73351
TITLE:	Manufacture of alkylarylsulfonates from branched dimerized olefins
INVENTOR(S):	Narbeshuber, Thomas; Steinbrenner, Ulrich; Wiebelhaus, Dag; Bottke, Nils
PATENT ASSIGNEE(S):	BASF Ag, Germany
SOURCE:	Ger. Offen., 18 pp. CODEN: GWXXBX
DOCUMENT TYPE:	Patent
LANGUAGE:	German
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10261481	A1	20040701	DE 2002-10261481	20021223
CA 2511184	A1	20040715	CA 2003-2511184	20031222
WO 2004058692	A1	20040715	WO 2003-EP14712	20031222
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,				

TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003300221	A1	20040722	AU 2003-300221		20031222
EP 1581485	A1	20051005	EP 2003-799498		20031222
EP 1581485	B1	20070321			

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

BR 2003017634	A	20051129	BR 2003-17634		20031222
CN 1732150	A	20060208	CN 2003-80107360		20031222
JP 2006511578	T	20060406	JP 2004-562814		20031222
AT 357430	T	20070415	AT 2003-799498		20031222
ES 2283873	T3	20071101	ES 2003-799498		20031222
MX 2005PA05936	A	20050818	MX 2005-PA5936		20050603
US 20060052630	A1	20060309	US 2005-538473		20050607
ZA 2005005050	A	20060927	ZA 2005-5050		20050622
PRIORITY APPLN. INFO.:			DE 2002-10261481	A	20021223
			WO 2003-EP14712	W	20031222

AB A process for the manufacture of alkylarylsulfonates with proper degree of alkyl branching, useful as surfactants with improved property profiles, comprises (a) conversion of C4 olefin mixts. in the presence of metathesis catalysts to give mixts. containing 2-pentene and 3-hexene, (b) catalytic dimerization of 2-pentene and/or 3-hexene to give C10-12 olefin mixts. and separation of C10-12 olefins from low-boiling byproducts, (c) catalytic alkylation of aromatic compound with C10-12 olefins, and (d) sulfonation of alkylaryl compds. and neutralization of the resulting alkylarylsulfonates. For example, passing a butadiene-free C4 fraction containing butenes (1:1.06 resp. mixture of 1-butene and 2-butene) over Re2O7/Al2O3 catalyst at 40°/10 bar gave a reaction mixture from which >99% pure 2-pentene and 3-hexene were separated by distillation Continuous dimerization of the latter mixture over a known heterogeneous catalyst gave a decene/undecene/dodecene fraction with purity 99.5%.

L8 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER:	2002:428843 CAPLUS
DOCUMENT NUMBER:	137:21788
TITLE:	Method for the production of alkylarenesulfonates
INVENTOR(S):	Narbeshuber, Thomas; Steinbrenner, Ulrich; Krack, Gerhard
PATENT ASSIGNEE(S):	Basf Aktiengesellschaft, Germany
SOURCE:	PCT Int. Appl., 46 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	German
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002044114	A1	20020606	WO 2001-EP13322	20011116

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10059398	A1	20020613	DE 2000-10059398	20001130
CA 2431189	A1	20020606	CA 2001-2431189	20011116
AU 2002021862	A	20020611	AU 2002-21862	20011116
EP 1343742	A1	20030917	EP 2001-998522	20011116

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

BR 2001015857	A	20031014	BR 2001-15857		20011116
JP 2004523489	T	20040805	JP 2002-546484		20011116
MX 2003PA04904	A	20031015	MX 2003-PA4904		20030530
US 20040030209	A1	20040212	US 2003-432361		20030530
PRIORITY APPLN. INFO.:			DE 2000-10059398	A	20001130
			WO 2001-EP13322	W	20011116

AB The production of alkylaryl compds. is achieved by the following steps: (1) production of an olefin mixture, comprising, as a statistical mean, predominantly single-branched C10-14 olefins, by means of (a) reaction of a C4 olefin mixture on a metathesis catalyst to give an olefin mixture containing 2-pentene and/or 3-hexene and optional separation of 2-pentene and/or 3-hexene, followed by dimerization of the obtained 2-pentene and/or 3-hexene on a dimerization catalyst to give a mixture containing C10-12 olefins and optional separation of the C10-12 olefins, or (b) extraction of predominantly single-branched paraffins from kerosene fractions and subsequent dehydrogenation, or (c) Fischer-Tropsch synthesis of olefins or paraffins, whereby the paraffins are dehydrogenated, or (d) dimerization of short-chain internal olefins, or (e) isomerization of linear olefins or paraffins, whereby the isomerized paraffins are dehydrogenated, (2) reaction of the olefin mixture obtained in step (1) with an aromatic hydrocarbon in the presence of an alkylation catalyst containing zeolites of the faujasite type. The metathesis catalysts are selected from from compds. of Group VIB, VIIB, or VIII metals. These compds. are sulfonated to give products useful in detergents.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1978:104644 CAPLUS
DOCUMENT NUMBER: 88:104644
ORIGINAL REFERENCE NO.: 88:16400h,16401a
TITLE: Olefin metathesis process and catalyst
INVENTOR(S): Castner, Kenneth F.
PATENT ASSIGNEE(S): Goodyear Tire and Rubber Co., USA
SOURCE: U.S., 7 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4060468	A	19771129	US 1976-729315	19761004
PRIORITY APPLN. INFO.:			US 1976-729315	19761004

AB A catalyst useful for olefin metathesis was prepared It consisted of a salt selected from WCl6, WCl5, WCl4, WBr5, WOCl4, WO2Cl2 and WOBr4 and an oxygenated organic compound, e.g., I (R = H, Cl, Br, S, alkyl, aryl, arylalkyl, alkylaryl, cycloalkyl; R1 = Cl, Br, S, Me, Me2CH, Me3C) and II. The mixture was exposed to UV irradiation for at least long enough to give .apprx.0.4 KWH/mol of the W salt. A mixture of 2-pentene isomers was treated with a catalyst prepared from C6Cl5OH and WCl6 and converted to 2-butene and 3-hexene. Polymerization reactions with dicyclopentadiene cyclopentene and cyclooctadiene were performed over the same catalyst.

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION

FULL ESTIMATED COST	21.84	32.81
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.20	-3.20

STN INTERNATIONAL LOGOFF AT 12:53:32 ON 28 JUL 2008